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TECHNICAL DATA SHEET

Sr. No. : RM03231-V-03 Issue Date: 06/06/2019

QUALITY CONTROL: We declare that certificate of analysis of this material is inspected according to quality parameters as below:

Item Code	UIL154651
Item Name	GINGER OIL CO2









Test Parameters	Specifications
CAS#	8007-08-7
FEMA#	2522
EINECS#	283-634-2
Botanical Name	Zingiber officinale
Description	Pale yellow to greenish yellow mobile liquid with charcteristic fresh, spicy odour.
Origin	The essential oil is obtained by CO2 extraction from the rhizomes of Gingiber officinale
Appearance	Pale yellow to greenish yellow
Physical Status	VISCOUS
Flash Point (Closed cup) °C	Ca. 76°C
Refractive Index	1.485 - 1.500 @20°C
Relative Density	0.885 - 0.900 @25°C
Optical Rotation	-45° to -15°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Assay by GC	Camphene: 2-6% Zingiberene: 20-45% alpha-Franesesne: 5-15% beta-Bisabolene: 2-10% beta-sesquiphellandrene: 5-15%
Shelf Life	12 months under proper storage conditions
Legislation	Natural
Stability	Avoid strong acids strong bases & all oxidising agents.
Uses	Flavour Application

PACKING & STORAGE	Sholud be stored in cool, dry well ventilated places in full tightly sealed containers. Protected from light. Containers should be kept away from any source of ignition.
HANDLING PRECAUTION	Handle with adequate ventilation Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing.





